

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A tissue regeneration substrate comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 µm, consisting essentially of (a) one or more polymers selected from the group consisting of polylactic acid, (lactic acid-glycolic acid) copolymer, polyhydroxybutyric acid, polycaprolactone, biodegradable aliphatic polyesters, aliphatic polycarbonate, and their copolymers and (b) a phospholipid.
2. (canceled).
3. (previously presented): A tissue regeneration substrate according to claim 1, wherein said phospholipid is at least one type selected from the group consisting of phosphatidylethanolamine, phosphatidylcholine, phosphatidylserine, phosphatidylglycerol and their derivatives.
4. (original): A tissue regeneration substrate according to claim 3, wherein said phospholipid is phosphatidylethanolamine.
5. (previously presented): A tissue regeneration substrate according to claim 3, wherein said phospholipid is L- α -phosphatidylethanolamine-dioleoyl.
6. (previously presented): A tissue regeneration substrate according to claim 1, characterized in that the compositional ratio of the polymer and the phospholipid is 10:1 to 500:1 by weight.
7. (canceled).

OK TO ENTER: /JDS/ (02/18/2011)

8. (original): A tissue regeneration substrate according to claim 1, characterized in that the tissue is cartilage tissue.

9. (original): A tissue regeneration complex comprising a tissue regeneration substrate according to claim 1 and cells held in said tissue regeneration substrate.

10. (original): A tissue regeneration complex according to claim 9, characterized in that the tissue is cartilage tissue.

11. (original): A method for production of a tissue regeneration complex comprising cells held on a tissue regeneration substrate, by culturing cells on a tissue regeneration substrate according to claim 1.

12. (currently amended): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , ~~composed primarily of~~ consisting essentially of (a) polylactic acid and (b) a phospholipid.

13. (previously presented): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , consisting essentially of (a) (lactic acid-glycolic acid) copolymer and (b) a phospholipid.

14. (previously presented): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , consisting essentially of (a) polycaprolactone and (b) a phospholipid.

15. (previously presented): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1

to 20 μm , consisting essentially of (a) polylactic acid-polycaprolactone copolymer and (b) a phospholipid.

16. (previously presented): A tissue regeneration substrate according to claim 6, wherein the compositional ratio of the polymer and the phospholipid is 50:1 to 200:1 by weight.

17. (previously presented): A tissue regeneration substrate comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , composed primarily of (a) one or more polymers selected from the group consisting of polylactic acid, (lactic acid-glycolic acid) copolymer, polyhydroxybutyric acid, polycaprolactone, biodegradable aliphatic polyesters, aliphatic polycarbonate, and their copolymers and (b) a phospholipids, wherein no amphipathic polymer is present.